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1. Untranslatable words are replaced with asterisks (****).
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FULL CONTENTS

[Claim(s)]

[Claim 1] A medical statement electronization means to electronize the medical statement received from examination payment facilities, and to output an electronic medical statement, The 1st record means which accumulates and manages said electronic medical statement which this medical statement electronization means outputted, The 1st personal information secrecy means which outputs the secrecy method used when keeping secret the personal information included in said electronic medical statement, while having kept secret the personal information included in said electronic medical statement, and outputting the secrecy electronic medical statement, this -- [means / 2nd / which records said secrecy method which 1st personal information secrecy means outputted / record] The 3rd record means which accumulates and manages said secrecy electronic medical statement which said 1st personal information secrecy means outputted, The secrecy electronic medical statement offer means which can transmit to the terminal by which said secrecy electronic medical statement is connected to a communication line, an inspection result collection / offer means by which the inspection result of said secrecy electronic medical statement is receivable from said terminal, and the 4th record means which accumulates and manages said inspection result which this inspection result collection / offer means outputs, this -- while restoring based on said secrecy method which extracts a predetermined inspection result from the 4th record means, and is recorded on said 2nd record means in said personal information which is included as a result of check, and which was kept secret A medical statement inspection system equipped with the restored personal information and a reexamination bill creation means to make out a reexamination bill based on said inspection result.

[Claim 2] [a terminal] while a terminal receives a secrecy electronic medical statement and displays and outputs the contents of said secrecy electronic medical statement from a secrecy electronic medical statement offer means The medical statement inspection system according

to claim 1 characterized by having an electronic medical statement check means to input the inspection result of said secrecy electronic medical statement, and to transmit the inspection result of said secrecy electronic medical statement to inspection result collection / offer means.

[Claim 3] An electronic medical statement check means transmits the search demand for searching a predetermined secrecy electronic medical statement from the 3rd record means to a secrecy electronic medical statement offer means. [said secrecy electronic medical statement offer means by which said search demand was received] The medical statement inspection system according to claim 2 characterized by transmitting said predetermined secrecy electronic medical statement to said electronic medical statement check means after being based on said search demand and searching and extracting said predetermined secrecy electronic medical statement from the 3rd record means.
[Claim 4] An electronic medical statement check means transmits the search demand for searching a predetermined inspection result from the 4th record means to inspection result collection / offer means. Said inspection result collection / offer means by which said search demand was received is a medical statement inspection system according to claim 2 characterized by transmitting said predetermined inspection result to said electronic medical statement check means after being based on said search demand and searching and extracting said predetermined inspection result from the 4th record means.
[Claim 5] The 1st record means is a medical statement inspection system according to claim 1 characterized by accumulating and managing an electronic medical statement by using as a key medical statement identification information constituted by extracting predetermined information from the personal information included in an electronic medical statement.
[Claim 6] The 1st personal information secrecy means changes for 1 to 1 the medical statement identification information constituted by extracting predetermined information from the personal information included in an electronic medical statement. The medical statement inspection system according to claim 1 characterized by outputting a secrecy electronic medical statement by changing for deletion or 1 to 1 the personal information which is not included in said medical statement identification information.
[Claim 7] The 3rd record means is a medical statement inspection system according to claim 1 characterized by accumulating and managing said secrecy electronic medical statement by using as a key medical statement identification information which is contained in a secrecy electronic medical statement, and which was kept secret.
[Claim 8] The 3rd record means and a secrecy electronic medical statement offer means are installed through a communication line. The medical statement inspection system according to claim 1 characterized by said 3rd record means by which the 1st personal information secrecy means transmitted the secrecy electronic medical statement to said 3rd record means, and

said secrecy electronic medical statement was received accumulating and managing said secrecy electronic medical statement.
[Claim 9] The medical statement inspection system according to claim 1 characterized by installing the 4th record means and inspection result collection / offer means through a communication line, and a reexamination bill creation means receiving a predetermined inspection result through a communication line from said 4th record means.
[Claim 10] A reexamination result electronization means to electronize the reexamination result received from examination payment facilities to the reexamination bill, and to output an electronic reexamination result, The 5th record means which accumulates and manages said electronic reexamination result which this reexamination result electronization means outputted, The 2nd personal information secrecy means which keeps secret the personal information included in said electronic reexamination result, and outputs a secrecy electronic reexamination result, Relate said secrecy electronic reexamination result with the inspection result referred to when making out said reexamination bill, and Accumulation and the 6th record means to manage, The medical statement inspection system according to claim 1 characterized by having the secrecy electronic reexamination result offer means which can transmit said secrecy electronic reexamination result to the terminal connected to a communication line.
[Claim 11] [a terminal] while a terminal receives a secrecy electronic reexamination result and displays and outputs the contents of said secrecy electronic reexamination from a secrecy electronic reexamination result offer means The search demand for searching the inspection result related with said secrecy electronic reexamination result is transmitted to inspection result collection / offer means. The medical statement inspection system according to claim 10 characterized by having an electronic medical statement check means to receive said inspection result applicable to said search demand from said inspection result collection / offer means.
[Claim 12] Inspection result collection / offer means is a medical statement inspection system according to claim 11 characterized by transmitting said predetermined inspection result to said terminal after searching and extracting the inspection result related with the predetermined secrecy electronic reexamination result from the 6th record means based on the search demand which received from the terminal.
[Claim 13] The 5th record means is a medical statement inspection system according to claim 10 characterized by accumulating and managing an electronic reexamination result by using as a key reexamination result identification information constituted by extracting predetermined information from the personal information included in an electronic reexamination result.
[Claim 14] The 2nd personal information secrecy means changes for 1 to 1 the reexamination result identification information constituted by extracting predetermined information from the

personal information included in an electronic reexamination result. The medical statement inspection system according to claim 10 characterized by outputting a secrecy electronic reexamination result by changing for deletion or 1 to 1 the personal information which is not included in said reexamination result identification information.

[Claim 15] The 2nd personal information secrecy means is a medical statement inspection system according to claim 10 characterized by outputting a secrecy electronic reexamination result by keeping it secret based on the secrecy method used when keeping secret the personal information included in an electronic medical statement in the personal information included in an electronic reexamination result.

[Claim 16] The 6th record means is a medical statement inspection system according to claim 10 characterized by accumulating and managing said secrecy electronic reexamination result by using as a key reexamination result identification information which is contained in a secrecy electronic reexamination result, and which was kept secret.

[Claim 17] The 6th record means and a reexamination result offer means are installed through a communication line. The medical statement inspection system according to claim 10 characterized by said 6th record means by which the 2nd personal information secrecy means transmitted the secrecy electronic reexamination result to said 6th record means, and said secrecy electronic reexamination result was received accumulating and managing said secrecy electronic reexamination result.

[Claim 18] A reexamination result offer means is a medical statement inspection system according to claim 10 characterized by totaling the inspection result related with the secrecy electronic reexamination result and said secrecy electronic reexamination result for every terminal, and transmitting a totaled result for said every terminal.

[Claim 19] The step which outputs an electronic medical statement from the medical statement received from examination payment facilities, The step which outputs the secrecy method used when keeping secret the personal information included in said electronic medical statement, while having kept secret the personal information included in said electronic medical statement, and outputting the secrecy electronic medical statement, The medical statement check method of having the personal information restored while restoring the personal information which is included as a result of check, and which was kept secret based on said secrecy method, and the step which makes out a reexamination bill based on said inspection result.

[Claim 20] The medical statement check method according to claim 19 characterized by having the step which transmits to the terminal by which a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of said secrecy electronic medical statement from said terminal connected to a communication line.

[Claim 21] The medical statement check method according to claim 19 characterized by having

the step which transmits to the broker by whom a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of said secrecy electronic medical statement from said broker connected to a communication line.
[Claim 22] The step to which a broker receives a secrecy electronic medical statement, and the step which transmits to the terminal by which said secrecy electronic medical statement is connected to a communication line, The medical statement check method of having the step which receives the inspection result of said secrecy electronic medical statement from said terminal connected to a communication line, and the step which transmits the inspection result of said secrecy electronic medical statement.
[Claim 23] The step to which a terminal receives a secrecy electronic medical statement, and the step which displays and outputs the contents of said secrecy electronic medical statement, The medical statement check method according to claim 20 or 22 characterized by having the step which inputs the inspection result of said secrecy electronic medical statement, and transmits the inspection result of said secrecy electronic medical statement.
[Claim 24] The step received from the terminal by which the search demand for searching a predetermined secrecy electronic medical statement is connected to a communication line, The medical statement check method according to claim 19 or 22 characterized by having the step which transmits to said terminal by which said secrecy electronic medical statement applicable to said search demand is connected to a communication line.
[Claim 25] A terminal is the medical statement check method according to claim 20 or 22 characterized by having the step which transmits the search demand for searching a predetermined secrecy electronic medical statement, and the step which receives said secrecy electronic medical statement applicable to said search demand.
[Claim 26] The step received from the terminal by which the search demand for searching a predetermined inspection result is connected to a communication line, The medical statement check method according to claim 19 or 22 characterized by having the step which transmits said secrecy inspection result applicable to said search demand to said terminal connected to a communication line.
[Claim 27] A terminal is the medical statement check method according to claim 20 or 22 characterized by having the step which transmits the search demand for searching a predetermined inspection result, and the step which receives said inspection result applicable to said search demand.
[Claim 28] A secrecy electronic medical statement changes for 1 to 1 the medical statement identification information constituted by extracting predetermined information from the personal information included in an electronic medical statement. The medical statement check method according to claim 19 characterized by outputting by changing for deletion or 1 to 1 the personal information which is not included in said medical statement identification information.

[Claim 29] The medical statement check method according to claim 19 characterized by having the step which electronizes the reexamination result received from examination payment facilities to the reexamination bill, and outputs an electronic reexamination result, and the step which keeps secret the personal information included in said electronic reexamination result, and outputs a secrecy electronic reexamination result.
[Claim 30] The step which transmits a secrecy electronic reexamination result to the terminal connected to a communication line, The medical statement check method according to claim 29 characterized by having the step which receives a search demand of the inspection result related with the secrecy electronic reexamination result from said terminal connected to a communication line, and the step which transmits the inspection result applicable to said search demand to said terminal connected to a communication line.
[Claim 31] The medical statement check method according to claim 29 characterized by having the step which transmits a secrecy electronic reexamination result to the broker who connects with a communication line.
[Claim 32] The step to which a broker receives a secrecy electronic reexamination result, and the step which transmits said secrecy electronic reexamination result to the terminal connected to a communication line, The medical statement check method according to claim 31 characterized by having the step which receives a search demand of the inspection result related with said secrecy electronic reexamination result from said terminal connected to a communication line, and the step which transmits the inspection result applicable to said search demand to said terminal connected to a communication line.
[Claim 33] The step to which a terminal receives a secrecy electronic reexamination result, and the step checked while displaying and outputting the contents of said secrecy electronic reexamination, The Claim 30 description characterized by having the step which transmits the search demand for searching the inspection result related with said secrecy electronic reexamination result, and the step which receives said inspection result applicable to said search demand, or the medical statement check method according to claim 32.
[Claim 34] A secrecy electronic reexamination result changes for 1 to 1 the reexamination result identification information constituted by extracting predetermined information from the personal information included in an electronic reexamination result. The medical statement check method according to claim 29 characterized by outputting by changing for deletion or 1 to 1 the personal information which is not included in said reexamination result identification information.
[Claim 35] A secrecy electronic reexamination result is the medical statement check method according to claim 29 characterized by outputting by keeping it secret based on the secrecy method used when keeping secret the personal information included in an electronic medical statement in the personal information included in an electronic reexamination result.

[Detailed Description of the Invention]

[0001]

[Field of the Invention] [this invention] while an insurer keeps secret the personal information indicated in the medical statement received from examination payment facilities The contents of the medical statement can be checked from the terminal connected to a communication line, and if still more nearly required, it is related with the medical statement inspection system and the medical statement check method as for which a reexamination claim is made to examination payment facilities.

[0002]

[Description of the Prior Art] Check of a paper medical statement needs advanced knowledge, and time may entrust an external medical statement check contractor from eye a card game [many or] and an insurer further at check. work [at the place which an insurer manages when commissioning outside] -- or work is done at the place which carries a paper medical statement severely and an external medical statement check contractor manages. Drawing 13 is the block diagram showing the conventional medical statement inspection system in case work is done at the place which a medical statement check contractor manages. The examination payment facilities which examine the medical statement (what mark-ized the contents and costs of medical practice and indicated them) with which 101 was created in the medical institution in a figure, As for the insurer whose 102 is a local self-governing body, an insurance association, etc., and 103, a paper medical statement and 105 are reexamination bills a medical statement check contractor and 104.

[0003] Next, operation is explained. The examination payment facilities 101 send the paper medical statement 104 which is a medical-treatment-fee-demanding document to an insurer 102. An insurer 102 sends the paper medical statement 104 to the medical statement check contractor 103, in order to perform contents check of the paper medical statement 104 received from the examination payment facilities 101. The medical statement check contractor 103 performs contents check of the paper medical statement 104 received from the insurer 102, when a doubt is in a claim, he makes out the reexamination bill 105, and he sends to an insurer 102. An insurer 102 sends the reexamination bill 105 to the examination payment facilities 101, after checking the contents of the reexamination bill 105 received from the medical statement check contractor 103.

[0004] Moreover, when an insurer has disposal-of-business-affairs capacity, an insurer may perform contents check of a medical statement. Drawing 14 is the block diagram showing an example of the conventional medical statement inspection system in case an insurer performs

contents check of a medical statement. In a figure, since the same sign as drawing 13 shows the same or a considerable portion, it omits the explanation. An insurer with the capacity for 106 to perform contents check of a medical statement, a medical statement electronization means by which 107 electronizes a paper medical statement, The electronic medical statement by which 108 was electronized by the medical statement electronization means 107, Electronic medical statement DB109 reference or the electronic medical statement data extracted, and 111 are electronic medical statement check means the electronic medical statement database (DB [a database] is written henceforth) with which 109 accumulates and manages the electronic medical statement 108, and 110.

[0005] Next, operation is explained. When an insurer 106 performs contents check, the paper medical statement 104 is changed into the electronic medical statement 108 for the paper medical statement 104 by the medical statement electronization means 107. If an example of work which changes the paper medical statement 104 into the electronic medical statement 108 is concretely explained in the medical statement electronization means 107 The paper medical statement 104 can be electronized by the method of reading the paper medical statement 104 with an image scanner, the method of inputting with a keyboard, the method of reading the OCR area of the paper medical statement 104, the method of obtaining the information read by OCR in the examination payment facilities 101, etc. In electronic medical statement DB109, accumulation and management of the electronic medical statement 108 electronized by the medical statement electronization means 107 are done by using as a key medical statement identification information which is information for identifying the electronic medical statement 108. With the electronic medical statement check means 111, contents check is performed with reference to the medical statement identification information for identifying the electronic medical statement 108 at the time of check as a key. When a doubt is in the written contents of the medical statement, the reexamination bill 105 is sent to the examination payment facilities 101.

[0006]

[Problem to be solved by the invention] Since the conventional medical statement inspection system is constituted as mentioned above, when check of a paper medical statement is entrusted to an external medical statement check contractor, The cost which carries a paper medical statement occurred, and the danger that personal information would be revealed outside became high, and further, since it was taking out of only the paper medical statement of the limited period, technical problems, like the check by the comparison with the past becomes difficult like what is called inspection check occurred.

[0007] Moreover, [the conventional medical statement inspection system] if accumulation and the form which is managed and can be referred to through a network or a record medium are taken by using the electronized electronic medical statement which an insurer holds as a

database The technical problem that the danger that a lot of electronized individual privacy information will be copied or altered as compared with the case where it checks using the paper medical statement of the limited period became high occurred.

[0008] Furthermore, since there was also very much quantity of work while the work which checks the contents of the paper medical statement with which the conventional medical statement inspection system is sent from examination payment facilities needed advanced knowledge, the technical problem that it was difficult to carry out efficient check by an insurer occurred.

[0009] [the personal information included in the electronic medical statement which was made in order that this invention might solve the above technical problems, and was electronized] For example, while preventing from specifying an individual by keeping it secret like encoding technology with the technique in which secrecy and restoration are possible Add the information which the same person can recognize continuously like inspection check, and an electronic medical statement is accumulated and managed. It aims at obtaining the medical statement inspection system and the medical statement check method which can perform the work of check of an electronic medical statement, the input of an inspection result, etc. from a remote place using a server, a terminal, etc. which are connected to a communication line.

[0010]

[Means for solving problem] A medical statement electronization means for the medical statement inspection system concerning this invention to electronize the medical statement received from examination payment facilities, and to output an electronic medical statement, The 1st record means which accumulates and manages the electronic medical statement which the medical statement electronization means outputted, The 1st personal information secrecy means which outputs the secrecy method used when keeping secret the personal information included in an electronic medical statement, while having kept secret the personal information included in an electronic medical statement, and outputting the secrecy electronic medical statement, The 2nd record means which records the secrecy method which the 1st personal information secrecy means outputted, The 3rd record means which accumulates and manages the secrecy electronic medical statement which the 1st personal information secrecy means outputted, The secrecy electronic medical statement offer means which can transmit a secrecy electronic medical statement to the terminal connected to a communication line, An inspection result collection / offer means by which the inspection result of a secrecy electronic medical statement is receivable from a terminal, The 4th record means which accumulates and manages the inspection result which inspection result collection / offer means outputs, It has a reexamination bill creation means to make out a reexamination bill based on the personal information and the inspection result which were restored while restoring the personal information which extracts a predetermined inspection result from the 4th record means, and is

included as a result of check, and which was kept secret based on the secrecy method currently recorded on the 2nd record means.

[0011] [the medical statement inspection system concerning this invention] while a terminal receives a secrecy electronic medical statement and displays and outputs the contents of the secrecy electronic medical statement from a secrecy electronic medical statement offer means The inspection result of a secrecy electronic medical statement is inputted, and it has an electronic medical statement check means to transmit the inspection result of a secrecy electronic medical statement to inspection result collection / offer means.

[0012] The medical statement inspection system concerning this invention transmits a search demand for an electronic medical statement check means to search a predetermined secrecy electronic medical statement from the 3rd record means to a secrecy electronic medical statement offer means. After a secrecy electronic medical statement offer means by which the search demand was received is based on a search demand and searches and extracts a predetermined secrecy electronic medical statement from the 3rd record means, it transmits a predetermined secrecy electronic medical statement to an electronic medical statement check means.

[0013] The medical statement inspection system concerning this invention transmits a search demand for an electronic medical statement check means to search a predetermined inspection result from the 4th record means to inspection result collection / offer means. After an inspection result collection / offer means by which the search demand was received is based on a search demand and searches and extracts a predetermined inspection result from the 4th record means, it transmits a predetermined inspection result to an electronic medical statement check means.

[0014] The medical statement inspection system concerning this invention accumulates and is made to manage an electronic medical statement by using as a key medical statement identification information constituted by extracting predetermined information from the personal information by which the 1st record means is included in an electronic medical statement.

[0015] The medical statement inspection system concerning this invention changes for 1 to 1 the medical statement identification information constituted when the 1st personal information secrecy means extracts predetermined information from the personal information included in an electronic medical statement. It is made to output a secrecy electronic medical statement by changing for deletion or 1 to 1 the personal information which is not included in medical statement identification information.

[0016] The medical statement inspection system concerning this invention accumulates and is made to manage a secrecy electronic medical statement by using as a key medical statement identification information by which the 3rd record means is included in a secrecy electronic medical statement and which was kept secret.

[0017] As for the medical statement inspection system concerning this invention, the 3rd record means and a secrecy electronic medical statement offer means are installed through a communication line. The 1st personal information secrecy means transmits a secrecy electronic medical statement to the 3rd record means, and the 3rd record means which received the secrecy electronic medical statement accumulates and is made to manage a secrecy electronic medical statement.
[0018] The 4th record means and inspection result collection / offer means are installed through a communication line, and, as for the medical statement inspection system concerning this invention, a reexamination bill creation means receives a predetermined inspection result through a communication line from the 4th record means.
[0019] A reexamination result electronization means for the medical statement inspection system concerning this invention to electronize the reexamination result received from examination payment facilities to the reexamination bill, and to output an electronic reexamination result, The 5th record means which accumulates and manages the electronic reexamination result which the reexamination result electronization means outputted, The 2nd personal information secrecy means which keeps secret the personal information included in an electronic reexamination result, and outputs a secrecy electronic reexamination result, A secrecy electronic reexamination result is related with the inspection result referred to when making out a reexamination bill, and it has accumulation, the 6th record means to manage, and the secrecy electronic reexamination result offer means which can transmit a secrecy electronic reexamination result to the terminal connected to a communication line.
[0020] [the medical statement inspection system concerning this invention] while a terminal receives a secrecy electronic reexamination result and displays and outputs the contents of secrecy electronic reexamination from a secrecy electronic reexamination result offer means The search demand for searching the inspection result related with the secrecy electronic reexamination result is transmitted to inspection result collection / offer means, and it has an electronic medical statement check means to receive the inspection result applicable to a search demand from inspection result collection / offer means.
[0021] The medical statement inspection system concerning this invention transmits a predetermined inspection result to a terminal, after inspection result collection / offer means searches and extracts the inspection result related with the predetermined secrecy electronic reexamination result from the 6th record means based on the search demand which received from the terminal.
[0022] The medical statement inspection system concerning this invention accumulates and is made to manage an electronic reexamination result by using as a key reexamination result identification information constituted by extracting predetermined information from the personal information by which the 5th record means is included in an electronic reexamination result.

[0023] The medical statement inspection system concerning this invention changes for 1 to 1 the reexamination result identification information constituted when the 2nd personal information secrecy means extracts predetermined information from the personal information included in an electronic reexamination result. It is made to output a secrecy electronic reexamination result by changing for deletion or 1 to 1 the personal information which is not included in reexamination result identification information.
[0024] It is made for the medical statement inspection system concerning this invention to output a secrecy electronic reexamination result by keeping it secret based on the secrecy method used when the 2nd personal information secrecy means kept secret the personal information included in an electronic medical statement in the personal information included in an electronic reexamination result.
[0025] The medical statement inspection system concerning this invention accumulates and is made to manage a secrecy electronic reexamination result by using as a key reexamination result identification information by which the 6th record means is included in a secrecy electronic reexamination result and which was kept secret.
[0026] As for the medical statement inspection system concerning this invention, the 6th record means and a reexamination result offer means are installed through a communication line. The 2nd personal information secrecy means transmits a secrecy electronic reexamination result to the 6th record means, and the 6th record means which received the secrecy electronic reexamination result accumulates and is made to manage a secrecy electronic reexamination result.
[0027] A reexamination result offer means totals the inspection result related with the secrecy electronic reexamination result and the secrecy electronic reexamination result for every terminal, and the medical statement inspection system concerning this invention transmits a totaled result for every terminal.
[0028] The step which outputs an electronic medical statement from the medical statement which received the medical statement check method concerning this invention from examination payment facilities, The step which outputs the secrecy method used when keeping secret the personal information included in an electronic medical statement, while having kept secret the personal information included in an electronic medical statement, and outputting the secrecy electronic medical statement, It is made to have the personal information restored while restoring the personal information which is included as a result of check, and which was kept secret based on the secrecy method, and the step which makes out a reexamination bill based on an inspection result.
[0029] It is made for the medical statement check method concerning this invention to have the step which transmits to the terminal by which a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of a

secrecy electronic medical statement from the terminal connected to a communication line.
[0030] It is made for the medical statement check method concerning this invention to have the step which transmits to the broker by whom a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of the broker connected to a communication line to a secrecy electronic medical statement.
[0031] The step to which, as for the medical statement check method concerning this invention, a broker receives a secrecy electronic medical statement, It is made to have the step which transmits to the terminal by which a secrecy electronic medical statement is connected to a communication line, the step which receives the inspection result of a secrecy electronic medical statement from the terminal connected to a communication line, and the step which transmits the inspection result of a secrecy electronic medical statement.
[0032] It is made, as for the medical statement check method concerning this invention, to have the step to which a terminal receives a secrecy electronic medical statement, the step which displayed and outputs the contents of the secrecy electronic medical statement, and the step which inputs the inspection result of a secrecy electronic medical statement, and transmits the inspection result of a secrecy electronic medical statement.
[0033] It is made for the medical statement check method concerning this invention to have the step which receives the search demand for searching a predetermined secrecy electronic medical statement from the terminal connected to a communication line, and the step which transmits to the terminal by which the secrecy electronic medical statement applicable to a search demand is connected to a communication line.
[0034] It is made for the medical statement check method concerning this invention to have the step which transmits a search demand for a terminal to search a predetermined secrecy electronic medical statement, and the step which receives the secrecy electronic medical statement applicable to a search demand.
[0035] It is made for the medical statement check method concerning this invention to have the step which receives the search demand for searching a predetermined inspection result from the terminal connected to a communication line, and the step which transmits the secrecy inspection result applicable to a search demand to the terminal connected to a communication line.
[0036] It is made for the medical statement check method concerning this invention to have the step which transmits a search demand for a terminal to search a predetermined inspection result, and the step which receives the inspection result applicable to a search demand.
[0037] The medical statement check method concerning this invention changes for 1 to 1 the medical statement identification information constituted when a secrecy electronic medical statement extracts predetermined information from the personal information included in an electronic medical statement. It is made to output by changing for deletion or 1 to 1 the

personal information which is not included in medical statement identification information.
[0038] It is made for the medical statement check method concerning this invention to have the step which electronizes the reexamination result received from examination payment facilities to the reexamination bill, and outputs an electronic reexamination result, and the step which keeps secret the personal information included in an electronic reexamination result, and outputs a secrecy electronic reexamination result.
[0039] The step which transmits the medical statement check method concerning this invention to the terminal by which a secrecy electronic reexamination result is connected to a communication line, It is made to have the step which receives a search demand of the inspection result related with the secrecy electronic reexamination result from the terminal connected to a communication line, and the step which transmits the inspection result applicable to a search demand to the terminal connected to a communication line.
[0040] It is made for the medical statement check method concerning this invention to have the step which transmits a secrecy electronic reexamination result to the broker who connects with a communication line.
[0041] The step to which, as for the medical statement check method concerning this invention, a broker receives a secrecy electronic reexamination result, The step which transmits a secrecy electronic reexamination result to the terminal connected to a communication line, It is made to have the step which receives a search demand of the inspection result related with the secrecy electronic reexamination result from the terminal connected to a communication line, and the step which transmits the inspection result applicable to a search demand to the terminal connected to a communication line.
[0042] The step to which, as for the medical statement check method concerning this invention, a terminal receives a secrecy electronic reexamination result, It is made to have the step checked while displayed and outputting the contents of secrecy electronic reexamination, the step which transmits the search demand for searching the inspection result related with the secrecy electronic reexamination result, and the step which receives the inspection result applicable to a search demand.
[0043] The medical statement check method concerning this invention changes for 1 to 1 the reexamination result identification information constituted when a secrecy electronic reexamination result extracts predetermined information from the personal information included in an electronic reexamination result. It is made to output by changing for deletion or 1 to 1 the personal information which is not included in reexamination result identification information.
[0044] It is made for the medical statement check method concerning this invention to output a secrecy electronic reexamination result by keeping it secret based on the secrecy method used when keeping secret the personal information included in an electronic medical

statement in the personal information included in an electronic reexamination result.
[0045]
[Mode for carrying out the invention] One form of implementation of this invention is explained hereafter.
Form 1. drawing 1 of operation is the block block diagram showing the medical statement inspection system by the form 1 of implementation of this invention, and is set to drawing 1 . 1 Examination payment facilities (for example, Social Insurance Medical Fee Payment Fund, the National Health Insurance Association joint association, etc.), The medical statement check contractor to whom 2 checks insurers (for example, a local self-governing body, a health insurance society, etc.), and 3 checks the contents of the medical statement (terminal), The network where 4 makes ****** of data possible between an insurer 2 and the medical statement check contractor 3 (communication line), A medical statement electronization means to electronize a medical statement 5 when the medical statement which 5 is examined with the examination payment facilities 1, and is sent to an insurer 2, and the medical statement 5 with which the insurer 2 received 6 are not electronized, The electronic medical statement by which 7 was electronized with the medical statement electronization means 6, the electronic medical statement DB (1st record means) with which 8 accumulates and manages the electronic medical statement 7, A personal information secrecy means by which 9 keeps secret the personal information included in the electronic medical statement 7 (1st personal information secrecy means), The secrecy method used when, as for 10, the personal information secrecy means 9 kept personal information secret, a secrecy method record means (2nd record means) by which 11 saves the secrecy method 10, the secrecy electronic medical statement, with which, as for 12, the personal information secrecy means 9 kept personal information secret, The secrecy electronic medical statement DB (3rd record means) with which 13 accumulates and manages the secrecy electronic medical statement 12, A secrecy electronic medical statement offer means by which 14 provides the medical statement check contractor 3 with the secrecy electronic medical statement 12 through a network 4, An electronic medical statement check means by which 15 can perform an input, an output, etc. of contents check of the secrecy electronic medical statement 12, and an inspection result through a network 4, The inspection result as which 16 was inputted by the electronic medical statement check means 15, an inspection result collection / offer means by which 17 ****** the inspection result 16 through a network 4, The inspection result DB (4th record means) to which 18 accumulates and manages the inspection result 16, a reexamination bill creation means by which 19 make out the reexamination bill 20 based on the inspection result 16, and 20 are reexamination bills sent to the examination payment facilities 1 from the reexamination bill creation means 19.
[0046] Next, operation is explained. The examination application-for-payment organization 1 examines the medical statement (what mark-ized the contents and costs of medical practice

and indicated them) created in the medical institution, and sends the medical statement 5 which is a medical-treatment-fee-demanding document to an insurer 2. Medical statements 5 may be the case where it is a paper medical statement, and an electronic medical statement recorded on the magnetic-recording medium etc.

[0047] The medical statement electronization means 6 changes into the electronic medical statement 7 the medical statement 5 received from the examination payment facilities 1. If an example of the work changed into the electronic medical statement 7 is concretely explained in the medical statement electronization means 6 when a medical statement 5 is a paper medical statement For example, the method of reading a paper medical statement with an image scanner, the method of inputting with a keyboard, There are a method of electronizing automatically about the item which becomes the medical statement identification information which is information for reading the OCR area of a paper medical statement and identifying a medical statement, the method of obtaining the information read by OCR in the examination payment facilities 1, etc. Moreover, when a medical statement 5 is an electronic medical statement by the form already electronized by the medical statement electronic processing system which the government is promoting, it uses as it is, without performing processing by the medical statement electronization means 6.

[0048] The electronic medical statement 7 is accumulated and managed by electronic medical statement DB8 by using as a key medical statement identification information which is information for identifying the electronic medical statement 7. [the medical statement identification information for identifying the electronic medical statement 7] The method of reading a paper medical statement with an image scanner, the method of inputting with a keyboard, It is acquired by the method of reading the OCR area of a paper medical statement etc., and personal information, such as an insurance policy sign number, medical-examination years, a birth date, and a consultation medical institution code, is used as the key in electronic medical statement DB8. Generally the retrieval system by electronic medical statement DB8 which perform accumulation and management of such an electronic medical statement read with the image scanner is used.

[0049] The electronic medical statement 7 accumulated and managed by electronic medical statement DB8 includes personal information shown above, such as an insurance policy sign number, medical-examination years, a birth date, and a consultation medical institution code. The personal information secrecy means 9 changes the personal information included in medical statement identification information by reversible data by 1 to 1. Furthermore, about the personal information in the electronic medical statement 7 which is not contained in medical statement identification information, it changes by the same rule as the medical statement identification information for identifying deletion or the electronic medical statement 7. For example, it is easily realizable with technique, such as encryption using a key, and

conversion by the conversion table of 1 to 1. The rule which changed the personal information on the key of encryption etc. is saved for the secrecy method record means 11 as the secrecy method 10. In secrecy electronic medical statement DB13, accumulation and management of the medical statement identification information for identifying deletion or the changed electronic medical statement 7, and the electronic medical statement 7 are done as a secrecy electronic medical statement 12 in personal information.

[0050] The secrecy electronic medical statement offer means 14 provides the medical statement check contractor 3 of search demand origin with the secrecy electronic medical statement 12 applicable to a search demand through a network 4 from secrecy electronic medical statement DB13, when there is a search demand from the medical statement check contractor 3. For example, the server connected to the Internet can be used and it can realize using the method of offering the secrecy electronic medical statement 12 which secrecy electronic medical statement DB13 have accumulated and managed.

[0051] The electronic medical statement check means 15 which the medical statement check contractor 3 has searches the secrecy electronic medical statement 12 made into the object of check to secrecy electronic medical statement DB13 through a network 4, and checks by displaying search results. The result of check is inputted after the end of check, and it transmits to an inspection result collection / offer means 17 by which an insurer 2 has the inspection result 16 through a network 4. Inspection result collection / offer means 17 which consulted the inspection result 16 sends the inspection result 16 to inspection result DB18, and inspection result DB18 accumulate and manage the inspection result 16.

[0052] Moreover, the electronic medical statement check means 15 which the medical statement check contractor 3 has transmits a search demand of the inspection result 16 to inspection result collection / offer means 17 through a network 4. An inspection result collection / offer means 17 by which the search demand was received provides the electronic medical statement check means 15 with the inspection result 16 which corresponds to a search demand from inspection result DB18.

[0053] When it is judged that the reexamination bill creation means 19 checks the reexamination claim information included in the inspection result 16 from inspection result DB18, and creation of a reexamination bill is required for it Personal information is restored based on the secrecy method 10 saved for the secrecy method record means 11, the reexamination bill 20 is made out, and it sends to the examination payment facilities 1.

[0054] Next, the flow of processing of the medical statement check method by the form 1 of implementation of this invention is explained. Drawing 2 is a flow chart which shows accumulation and the management method of the medical statement by the form 1 of implementation of this invention. First, in step ST101, an insurer 2 receives a medical statement 5 from the examination payment facilities 1. Next, in step ST102, if it is not the

medical statement which judged whether it was the medical statement by which the received medical statement 5 was electronized, and was electronized by progressing to step ST104 when it was the electronized medical statement, it will progress to step ST103. In step ST103, the electronic medical statement 7 is created for a medical statement 5 by methods, such as an image scanner, OCR, and keyboard entry.

[0055] Next, the insurance policy sign number contained in the electronic medical statement 7 in step ST104, If it judges whether the medical statement identification information for identifying the electronic medical statements 7, such as medical-examination years, a birth date, and a consultation medical institution code, is electronized, and are electronized, and progresses to step ST106 and is not electronized, it progresses to step ST105. In step ST105, the medical statement identification information for identifying the electronic medical statement 7 is electronized by methods, such as OCR and keyboard entry. Next, in step ST106, electronic medical statement DB8 accumulate and manage the electronic medical statement 7 by using medical statement identification information for identifying the electronic medical statement 7 as a key.

[0056] Next, in step ST107, it is kept secret by deleting or changing personal information included in the electronic medical statement 7 based on the secrecy method 10. The secrecy electronic medical statement 12 kept secret is accumulated and managed by secrecy electronic medical statement DB13, and the secrecy method 10 is saved or updated by the secrecy method record means 11.

[0057] Drawing 3 is a flow chart which shows the check method of the medical statement by the form 1 of implementation of this invention. First, in step ST201, the search demand of the search of a medical statement which the medical statement check contractor 3 makes applicable to check is carried out secrecy electronic medical statement DB13 which an insurer 2 has. Next, search demand origin is provided with the secrecy electronic medical statement 12 which corresponds to a search demand from secrecy electronic medical statement DB13 in step ST202. Next, in step ST203, the medical statement check contractor 3 does the display and output of the search results offered from the secrecy electronic medical statement offer means 14, for example using a CRT monitor etc.

[0058] Next, in step ST204, he demands accumulation and management of the inspection result 16 at the same time he transmits the inspection result 16 to an insurer 2, after the medical statement check contractor 3 checks the secrecy electronic medical statement 12 displayed and outputted and inputs the checked result. Next, in step ST205, accumulation and management of the inspection result 16 are done in inspection result DB18 according to a demand.

[0059] Drawing 4 is a flow chart which shows the reexamination claim method of the medical statement by the form 1 of implementation of this invention. First, in step ST301, based on the

secrecy method 10 saved for the secrecy method record means 11, it restores and personal information is saved in another database which is not illustrated. Next, in step ST302, a reexamination bill is made out using the restored personal information, and it sends to examination payment facilities.

[0060] As mentioned above, according to the form 1 of this operation, the medical statement check contractor 3 minds a network 4. Since it enabled it to check after searching the secrecy electronic medical statement 12 to check and outputting the searched result from secrecy electronic medical statement DB13 which have accumulated and managed the secrecy electronic medical statement 12 which kept secret the personal information which an insurer 2 has Since check of the electronic medical statement 7 can be entrusted to the medical statement check contractor 3, without revealing the personal information included in the electronic medical statement 7, the effect that the business of an insurer 2 can be reduced is done so.

[0061] Moreover, inspection result DB18 which accumulate and manage the inspection result 16 to which the medical statement check contractor 3 transmitted the insurer 2 through the network 4 according to the form 1 of this operation, Since it had a reexamination bill creation means 19 to make out the reexamination bill 20 using the personal information restored based on the secrecy method 10 The effect that creation of the reexamination bill 20 can be performed based on the inspection result 16 transmitted through the network 4 is done so, without revealing personal information outside.

[0062] Furthermore, since the predetermined personal information used for medical statement identification information was changed not by deletion but by 1 to 1 in the personal information secrecy means 9 according to the form 1 of this operation, the effect that the inspection check which specified the individual can be performed is done so.

[0063] In addition, [the form] although the form 1 of implementation of this invention sets an insurer 2 and the medical statement check contractor 3 to one, respectively and constitutes them When it has composition called not the thing restricted to this but two or more insurers 2 and one medical statement check contractor 3, or one insurer 2 and two or more medical statement check contractors 3, an effect equivalent to the above is done so.

[0064] Form 2. drawing 5 of operation is the block block diagram showing the medical statement inspection system by the form 2 of implementation of this invention. In drawing 5 , since the same sign as drawing 1 shows the same or a considerable portion, it omits the explanation. A reexamination result electronization means to electronize the reexamination result 31 when the reexamination result to which 31 is sent from the examination payment facilities 1, and the reexamination result 31 in which the insurer 2 received 32 are not electronized, The electronic reexamination result from which 33 was electronized with the reexamination result electronization means 32, the electronic reexamination result DB (5th

record means) to which 34 accumulates and manages the electronic reexamination result 33, A personal information secrecy means by which 35 keeps secret the personal information included in the electronic reexamination result 33 (2nd personal information secrecy means), The secrecy electronic reexamination result from which, as for 36, the personal information secrecy means 35 kept personal information secret, a reexamination result total means (reexamination result offer means) by which 37 totals the inspection result 16 and the secrecy electronic reexamination result 36 every medical statement check contractor 3, and 38 are the totaled results totaled by the reexamination result total means 37. In addition, inspection result DB18 (the 4th record means, 6th record means) have accumulated and managed the inspection result 16 and the secrecy electronic reexamination result 36.

[0065] Next, operation is explained. In drawing 5 The medical statement electronization means 6, electronic medical statement DB8, the personal information secrecy means 9, the secrecy method record means 11, secrecy electronic medical statement DB13, the secrecy electronic medical statement offer means 14, the electronic medical statement check means 15, inspection result collection / offer means 17, inspection result DB18, Since it is equivalent to the form 1 of operation of reexamination bill creation means 19 grade, and the implementation about the effect that these do so, the explanation is omitted.

[0066] The reexamination result 31 is the reply to the reexamination bill 20 which the insurer 2 sent to the examination payment facilities 1. The reexamination result electronization means 32 changes into the electronic reexamination result 33 the reexamination result 31 received from the examination payment facilities 1. If an example of the work changed into the electronic reexamination result 33 is concretely explained in the reexamination result electronization means 32 when the reexamination result 31 is a reexamination result of paper For example, there are a method of reading the reexamination result of paper with an image scanner, a method of coding an image data by OCR, the method of inputting with a keyboard, etc. Moreover, in being an electronic reexamination result by form that the reexamination result 31 was already electronized, it uses as it is, without performing processing by the reexamination result electronization means 32.

[0067] The electronic reexamination result 33 is accumulated and managed by electronic reexamination result DB34 by using as a key reexamination result identification information which is the personal information for identifying the electronic reexamination result 33. [the reexamination result identification information which is information for identifying the electronic reexamination result 33] It is acquired by the method of reading the reexamination result of paper with an image scanner, the method of inputting with a keyboard, etc., and information, including an insurance policy sign number, medical-examination years, a birth date, a consultation medical institution code, etc., is used as the key in electronic reexamination result DB34.

[0068] The electronic reexamination result 33 accumulated and managed by electronic reexamination result DB34 includes personal information shown above, such as an insurance policy sign number, medical-examination years, a birth date, and a consultation medical institution code. The personal information secrecy means 35 changes the reexamination result identification information which has such personal information by reversible data by 1 to 1, and changes it by the same rule as deletion or reexamination result identification information about the personal information within the electronic reexamination result 33 which is not included in reexamination result identification information. The reexamination result identification information for identifying deletion or the changed electronic reexamination result 33, and the electronic reexamination result 33 relates personal information with the inspection result 16 in inspection result DB18 as a secrecy electronic reexamination result 36, and accumulation and management of are done.

[0069] The reexamination result total means 37 totals the inspection result 16 and the secrecy electronic reexamination result 36 every medical statement check contractor 3, and sends the totaled result 38 to the medical statement check contractor 3 through a network 4.

[0070] Next, the flow of processing of the medical statement check method by the form 2 of implementation of this invention is explained. Since the flow chart which shows accumulation and the management method of the medical statement in the form 2 of operation, and the flow chart which shows the reexamination claim method of a medical statement are equivalent to drawing 2 and drawing 4 which were shown in the form 1 of operation, the explanation is omitted.

[0071] Drawing 6 is a flow chart which shows accumulation and the management method of the reexamination result by the form 2 of implementation of this invention. First, in step ST401, an insurer 2 receives the reexamination result 31 from the examination payment facilities 1. Next, in step ST402, if it is not the reexamination result which judged ****** as a result of [the received reexamination result 31 was electronized] reexamination, and was electronized by progressing to step ST404 when it was the electronized reexamination result, it will progress to step ST403. In step ST403, the electronic reexamination result 33 is created for the reexamination result of paper by methods, such as an image scanner, OCR, and keyboard entry.

[0072] Next, the insurance policy sign number contained in the electronic reexamination result 33 in step ST404, If it judges whether the reexamination result identification information for identifying the electronic reexamination results 33, such as medical-examination years, a birth date, and a consultation medical institution code, is electronized, and are electronized, and progresses to step ST406 and is not electronized, it progresses to step ST405. In step ST405, the reexamination result identification information for identifying the electronic reexamination result 33 is electronized by methods, such as OCR and keyboard entry. Next, in step ST406,

electronic reexamination result DB34 accumulate and manage the electronic reexamination result 33 by using reexamination result identification information for identifying the electronic reexamination result 33 as a key.

[0073] Next, in step ST407, it is kept secret by deleting or changing personal information included in the electronic reexamination result 33 based on the secrecy method 10. The secrecy electronic reexamination result 36 kept secret is related with the inspection result 16, and is accumulated and managed by inspection result DB18.

[0074] Drawing 7 is a flow chart which shows the check method of the medical statement by the form 2 of implementation of this invention, and a reexamination result. First, in step ST501, the search demand of the search of a medical statement which the medical statement check contractor 3 makes applicable to check is carried out secrecy electronic medical statement DB13 which an insurer 2 has. Next, search demand origin is provided with the secrecy electronic medical statement 12 which corresponds to a search demand from secrecy electronic medical statement DB13 in step ST502.

[0075] Next, in step ST503, if it judges whether the past data is required in order that the medical statement check contractor 3 may raise the precision of check and it is judged that it is unnecessary, it will progress to step ST506, and if it is judged that it is required, it will progress to step ST504. In step ST504, the medical statement check contractor 3 demands search of the past secrecy electronic medical statement 12, the inspection result 16, and the secrecy electronic reexamination result 36 from an insurer 2. Next, in step ST505, an insurer 2 offers the applicable secrecy electronic medical statement 12, the inspection result 16, and the secrecy electronic reexamination result 36.

[0076] Next, in step ST506, the display and output of search results are done using a CRT monitor etc. Next, in step ST507, he demands accumulation and management of the inspection result 16 at the same time he transmits the inspection result 16 to an insurer 2, after the medical statement check contractor 3 checks the search results displayed and outputted and inputs the checked result. Next, in step ST508, accumulation and management of the inspection result 16 are done in inspection result DB18 according to a demand.

[0077] Drawing 8 is a flow chart which shows the total method of the reexamination result by the form 2 of implementation of this invention. First, in step ST601, the inspection result 16 and the secrecy electronic reexamination result 36 in a total period covered are searched from inspection result DB18 every medical statement check contractor 3. For example, another-hospitalization / hospitalization outside check number of cases, the reexamination claim indication number of cases and mark (amount of money), a reexamination claim result, etc. serve as a candidate for a total.

[0078] Next, in step ST602, a summary value is calculated every medical statement check contractor 3 based on the inspection result 16 and the secrecy electronic reexamination result

36 which were searched. Next, in step ST603, the totaled result 38 is sent to the medical statement check contractor 3.

[0079] As mentioned above, while doing so the effect shown in the form 1 of operation according to the form 2 of this operation [the medical statement check contractor 3 / the secrecy electronic reexamination result 36 from which personal information was kept secret /18 / which have been accumulated and managed / inspection result DB] through a network 4 Since it enabled it to check by searching the inspection result 16 related with the secrecy electronic reexamination result 36 to check and the secrecy electronic reexamination result 36 concerned, and displaying and outputting the searched result Without revealing the personal information included in the reexamination result 31, check of the reexamination result 31 can be entrusted to the medical statement check contractor 3, and the effect that the increase in efficiency of check of the reexamination result 31 can be attained is done so.

[0080] Moreover, since it had a reexamination result electronization means 32 to electronize the reexamination result 31, electronic reexamination result DB34 which accumulate and manage the electronic reexamination result 33, and the reexamination result total means 37 according to the form 2 of this operation The reexamination result 31 for every medical statement check contractor 3 can be totaled automatically, and the inspection result for every medical statement check contractor 3 and the effect that the increase in efficiency of a reexamination result total can be attained are done so.

[0081] In addition, [the form] although the form 2 of implementation of this invention sets an insurer 2 and the medical statement check contractor 3 to one, respectively and constitutes them When it has composition called not the thing restricted to this but two or more insurers 2 and one medical statement check contractor 3, or one insurer 2 and two or more medical statement check contractors 3, an effect equivalent to the above is done so.

[0082] Form 3. drawing 9 of operation is the block block diagram showing the medical statement inspection system by the form 3 of implementation of this invention. In drawing 9 , since the same sign as drawing 1 and drawing 5 shows the same or a considerable portion, it omits the explanation. While 51 accepts the trust from an insurer 2, accumulates and manages the secrecy electronic medical statement 12 by secrecy electronic medical statement DB13 and making reference possible through a network 4 from the medical statement check contractor 3 It is the medical statement data center (broker) which accumulates and manages the inspection result 16 which consults from the medical statement check contractor 3 and whose inspection result 16 reference is enabled through a network 4 at an insurer 2 by inspection result DB18. 52 generates the secrecy electronic medical statement 12 which kept secret the personal information included in the electronic medical statement 7. It is a personal information secrecy means with a network function (1st personal information secrecy means) to transmit to secrecy electronic medical statement DB13 in which the medical statement data

center 51 has the secrecy electronic medical statement 12 concerned through a network 4. A reexamination bill creation means with a network function by which 53 makes out a reexamination bill with reference to the inspection result 16 from inspection result DB18 through a network 4 (reexamination bill creation means), 54 generates the secrecy electronic reexamination result 36 of having kept secret the personal information included in the electronic reexamination result 33. It is a personal information secrecy means with a network function (2nd personal information creation means) to transmit to inspection result DB18 in which the medical statement data center 51 has the secrecy electronic reexamination result 36 concerned through a network 4. In addition, although it is the form which has been independent of an insurer 2 and the medical statement check contractor 3, the medical statement data center 51 by the form 3 of implementation of this invention is not restricted to this, and may be realized as some of insurers 2 or medical statement check contractors 3.

[0083] Next, operation is explained. The examination application-for-payment organization 1 examines the medical statement created in the medical institution, and sends the medical statement 5 which is a medical-treatment-fee-demanding document to an insurer 2. Medical statements 5 may be the case where it is a paper medical statement, and an electronic medical statement recorded on the magnetic-recording medium etc.

[0084] The medical statement electronization means 6 changes into the electronic medical statement 7 the medical statement 5 received from the examination payment facilities 1. If an example of the work changed into the electronic medical statement 7 is concretely explained in the medical statement electronization means 6 when a medical statement 5 is a paper medical statement For example, the method of reading a paper medical statement with an image scanner, the method of inputting with a keyboard, There are a method of electronizing automatically about the item which becomes the medical statement identification information which is information for reading the OCR area of a paper medical statement and identifying a medical statement, the method of obtaining the information read by OCR in the examination payment facilities 1, etc. Moreover, when a medical statement 5 is an electronic medical statement by the form already electronized by the medical statement electronic processing system which the government is promoting, it uses as it is, without performing processing by the medical statement electronization means 6.

[0085] The electronic medical statement 7 is accumulated and managed by electronic medical statement DB8 by using as a key medical statement identification information which is information for identifying the electronic medical statement 7. [the medical statement identification information for identifying the electronic medical statement 7] It is acquired by the method of reading a paper medical statement with an image scanner, the method of inputting with a keyboard, the method of reading the OCR area of a paper medical statement, etc., and information, including an insurance policy sign number, medical-examination years, a birth

date, a consultation medical institution code, etc., is used as the key in electronic medical statement DB8. Generally the retrieval system by electronic medical statement DB8 which perform accumulation and management of such an electronic medical statement read with the image scanner is used.

[0086] The electronic medical statement 7 accumulated and managed by electronic medical statement DB8 includes personal information shown above, such as an insurance policy sign number, medical-examination years, a birth date, and a consultation medical institution code. [the personal information secrecy means 52 with a network function] Medical statement identification information including such personal information is changed by reversible data by 1 to 1, and it changes by the same rule as the medical statement identification information for identifying deletion or the electronic medical statement 7 about the personal information in the electronic medical statement 7 which is not contained in medical statement identification information. For example, it is easily realizable with technique, such as encryption using a key, and conversion by the conversion table of 1 to 1. The rule which changed the personal information on the key of encryption etc. is saved for the secrecy method record means 11 as the secrecy method 10. In secrecy electronic medical statement DB13 which the medical statement data center 51 has through a network 4 as a secrecy electronic medical statement 12, accumulation and management of the medical statement identification information for identifying deletion or the changed electronic medical statement 7, and the electronic medical statement 7 are done in personal information.

[0087] The secrecy electronic medical statement offer means 14 which the medical statement data center 51 has provides the medical statement check contractor 3 of search demand origin with the secrecy electronic medical statement 12 applicable to a search demand through a network 4 from secrecy electronic medical statement DB13, when there is a search demand from the medical statement check contractor 3. For example, the server connected to the Internet can be used and it can realize using the method of offering the secrecy electronic medical statement 12 which secrecy electronic medical statement DB13 have accumulated and managed.

[0088] The electronic medical statement check means 15 which the medical statement check contractor 3 has searches the secrecy electronic medical statement 12 made into the object of check to secrecy electronic medical statement DB13 which the medical statement data center 51 has through a network 4, and checks by displaying search results. The result of check is inputted after the end of check, and it transmits to an inspection result collection / offer means 17 by which the medical statement data center 51 has the inspection result 16 through a network 4. Inspection result collection / offer means 17 which consulted the inspection result 16 sends the inspection result 16 to inspection result DB18, and inspection result DB18 accumulate and manage the inspection result 16.

[0089] Moreover, the electronic medical statement check means 15 which the medical statement check contractor 3 has transmits a search demand of the inspection result 16 to inspection result collection / offer means 17 which the medical statement data center 51 has through a network 4. An inspection result collection / offer means 17 by which the search demand was received provides the electronic medical statement check means 15 with the inspection result 16 which corresponds to a search demand from inspection result DB18.
[0090] [the reexamination bill creation means 53 with a network function] The reexamination claim information included in the inspection result 16 through a network 4 from inspection result DB18 which the medical statement data center 51 has is checked. When it is judged that a reexamination bill needs to be created, personal information is restored based on the secrecy method 10 saved for the secrecy method record means 11, the reexamination bill 20 is made out, and it sends to the examination payment facilities 1.
[0091] The reexamination result 31 is the reply to the reexamination bill 20 which the insurer 2 sent to the examination payment facilities 1. The reexamination result electronization means 32 changes into the electronic reexamination result 33 the reexamination result 31 received from the examination payment facilities 1. Moreover, in being an electronic reexamination result by form that the reexamination result 31 was already electronized, it uses as it is, without performing processing by the reexamination result electronization means 32.
[0092] The electronic reexamination result 33 is accumulated and managed by electronic reexamination result DB34 by using as a key reexamination result identification information which is information for identifying the electronic reexamination result 33. Reexamination result identification information which is information for identifying the electronic reexamination result 33 is taken as the key in electronic reexamination result DB34.
[0093] The electronic reexamination result 33 accumulated and managed by electronic reexamination result DB34 includes personal information, such as an insurance policy sign number, medical-examination years, a birth date, and a consultation medical institution code. [the personal information secrecy means 54 with a network function] The personal information included in such reexamination result identification information is changed by reversible data by 1 to 1, and it changes by the same rule as deletion or reexamination result identification information about the personal information within the electronic reexamination result 33 which is not included in reexamination result identification information. [personal information / the reexamination result identification information for identifying deletion or the changed electronic reexamination result 33, and the electronic reexamination result 33] It is transmitted to inspection result DB18 which the medical statement data center 51 has through a network 4 as a secrecy electronic reexamination result 36, it relates with the inspection result 16, and accumulation and management of are done.
[0094] The reexamination result total means 37 which the medical statement data center 51

has totals the inspection result 16 and the secrecy electronic reexamination result 36 every medical statement check contractor 3, and sends the totaled result 38 to the medical statement check contractor 3 through a network 4.

[0095] Next, the flow of processing of the medical statement check method by the form 3 of implementation of this invention is explained. Since the flow chart which shows the check method of the medical statement in the form 3 of operation is equivalent to drawing 3 shown in the form 1 of operation, the explanation is omitted. Moreover, except for being processed in the medical statement data center 51, since the flow chart which shows the total method of a reexamination result is equivalent to drawing 8 shown in the form 2 of operation, it omits the explanation.

[0096] Drawing 10 is a flow chart which shows accumulation and the management method of the medical statement by the form 3 of implementation of this invention. First, in step ST701, an insurer 2 receives a medical statement 5 from the examination payment facilities 1. Next, in step ST702, if it is not the medical statement which judged whether it was the medical statement by which the received medical statement 5 was electronized, and was electronized by progressing to step ST704 when it was the electronized medical statement, it will progress to step ST703. In step ST703, the electronic medical statement 7 is created for a medical statement 5 by methods, such as an image scanner, OCR, and keyboard entry.

[0097] Next, the insurance policy sign number contained in the electronic medical statement 7 in step ST704, If it judges whether the medical statement identification information for identifying the electronic medical statements 7, such as medical-examination years, a birth date, and a consultation medical institution code, is electronized, and are electronized, and progresses to step ST706 and is not electronized, it progresses to step ST705. In step ST705, the medical statement identification information for identifying the electronic medical statement 7 is electronized by methods, such as OCR and keyboard entry. Next, in step ST706, electronic medical statement DB8 accumulate and manage the electronic medical statement 7 by using medical statement identification information for identifying the electronic medical statement 7 as a key.

[0098] Next, in step ST707, it is kept secret by deleting or changing personal information included in the electronic medical statement 7 based on the secrecy method 10. The secrecy electronic medical statement 12 kept secret transmits to secrecy electronic medical statement DB13 which the medical statement data center 51 has through a network 4. The secrecy method 10 is saved or updated by the secrecy method record means 11. Next, in step ST708, secrecy electronic medical statement DB13 which the medical statement data center 51 has accumulate and manage the secrecy electronic medical statement 12 received through the network 4 from the insurer 2.

[0099] Drawing 11 is a flow chart which shows the reexamination claim method by the form 3

of implementation of this invention. First, in step ST801, inspection result DB18 which the medical statement data center 51 has transmit the inspection result 16 accumulated and managed to the insurer 2 which corresponds through a network 4. Next, in step ST802, personal information is restored and saved based on the secrecy method 10 saved for the secrecy method record means 11 in the inspection result 16 received from the medical statement data center 51. Next, in step ST803, a reexamination bill is made out using the restored personal information, and it sends to examination payment facilities.

[0100] Drawing 12 is a flow chart which shows accumulation and the management method of the reexamination result by the form 3 of implementation of this invention. First, in step ST901, an insurer 2 receives the reexamination result 31 from the examination payment facilities 1. Next, in step ST902, if it is not the reexamination result which judged ****** as a result of [the received reexamination result 31 was electronized] reexamination, and was electronized by progressing to step ST904 when it was the electronized reexamination result, it will progress to step ST903. In step ST903, the electronic reexamination result 33 is created for the reexamination result of paper by methods, such as an image scanner, OCR, and keyboard entry.

[0101] Next, the insurance policy sign number contained in the electronic reexamination result 33 in step ST904, If it judges whether the reexamination result identification information for identifying the electronic reexamination results 33, such as medical-examination years, a birth date, and a consultation medical institution code, is electronized, and are electronized, and progresses to step ST906 and is not electronized, it progresses to step ST905. In step ST905, the reexamination result identification information for identifying the electronic reexamination result 33 is electronized by methods, such as OCR and keyboard entry. Next, in step ST906, electronic reexamination result DB34 accumulate and manage the electronic reexamination result 33 by using reexamination result identification information for identifying the electronic reexamination result 33 as a key.

[0102] Next, in step ST907, it is kept secret by deleting or changing personal information included in the electronic reexamination result 33 based on the secrecy method 10. The secrecy reexamination result 36 kept secret transmits to inspection result DB18 which the medical statement data center 51 has through a network 4. Necessity is accepted, and the secrecy method 10 is saved or updated by the secrecy method record means 11. Next, in step ST908, inspection result DB18 which the medical statement data center 51 has accumulate and manage the secrecy reexamination result 36 received through the network 4 from the insurer 2.

[0103] As mentioned above, while doing so the effect shown in the form 1 of operation, and the form 2 of operation according to the form 3 of this operation Since the medical statement data center 51 was made to carry out package management of the secrecy electronic medical

statement 12, the inspection result 16, and the secrecy electronic reexamination result 36 An insurer 2 does so the effect that management of the secrecy electronic medical statement 12, the inspection result 16, and the secrecy electronic reexamination result 36 can be entrusted outside, without revealing the personal information included in the electronic medical statement 7 and the electronic reexamination result 33.

[0104] [moreover, the medical statement data center 51 which has secrecy electronic medical statement DB13 and inspection result DB18 according to the form 3 of this operation] Since ****** of the secrecy electronic medical statement 12, the inspection result 16, and the secrecy electronic reexamination result 36 was made to be made through two or more insurers and networks 4 The medical statement data center 51 does so the effect that outsourcing from two or more insurers can be received only by ****** through a network 4.

[0105] In addition, [the form] although the form 3 of implementation of this invention sets an insurer 2, the medical statement check contractor 3, and the medical statement data center 51 to one, respectively and constitutes them Like not the thing restricted to this but two or more insurers 2 and one medical statement data center 51, and two or more medical statement check contractor 3 grades When it has composition which combined one or more insurer 2, one or more medical statement data centers 51, and one or more medical statement check contractors 3, respectively, an effect equivalent to the above is done so.

[0106]

[Effect of the Invention] As mentioned above, a medical statement electronization means according to this invention to electronize the medical statement received from examination payment facilities, and to output an electronic medical statement, The 1st record means which accumulates and manages the electronic medical statement which the medical statement electronization means outputted, The 1st personal information secrecy means which outputs the secrecy method used when keeping secret the personal information included in an electronic medical statement, while having kept secret the personal information included in an electronic medical statement, and outputting the secrecy electronic medical statement, The 2nd record means which records the secrecy method which the 1st personal information secrecy means outputted, The 3rd record means which accumulates and manages the secrecy electronic medical statement which the 1st personal information secrecy means outputted, The secrecy electronic medical statement offer means which can transmit a secrecy electronic medical statement to the terminal connected to a communication line, An inspection result collection / offer means by which the inspection result of a secrecy electronic medical statement is receivable from a terminal, The 4th record means which accumulates and manages the inspection result which inspection result collection / offer means outputs, Since it constituted so that it might have a reexamination bill creation means to make out a reexamination bill based on the personal information and the inspection result which were

restored while restoring the personal information which extracts a predetermined inspection result from the 4th record means, and is included as a result of check, and which was kept secret based on the secrecy method currently recorded on the 2nd record means Without revealing personal information outside, the inspection result of the secrecy electronic medical statement which transmitted through the communication line can be received through a communication line, and the effect that creation of a reexamination bill can be performed based on the received inspection result is done so.

[0107] While according to this invention a terminal receives a secrecy electronic medical statement and displays and outputs the contents of the secrecy electronic medical statement from a secrecy electronic medical statement offer means Since it constituted so that it might have an electronic medical statement check means to input the inspection result of a secrecy electronic medical statement, and to transmit the inspection result of a secrecy electronic medical statement to inspection result collection / offer means Without revealing personal information outside, check of a secrecy electronic medical statement and doubt indication can be entrusted to the medical statement check contractor who has a terminal, and the effect that the business of an insurer can be reduced is done so.

[0108] According to this invention, a search demand for an electronic medical statement check means to search a predetermined secrecy electronic medical statement from the 3rd record means is transmitted to a secrecy electronic medical statement offer means. [a secrecy electronic medical statement offer means by which the search demand was received] Since it constituted so that a predetermined secrecy electronic medical statement might be transmitted to an electronic medical statement check means after being based on the search demand and searching and extracting a predetermined secrecy electronic medical statement from the 3rd record means The effect that the secrecy electronic medical statement which the medical statement check contractor connected to a communication line needs can be offered easily is done so, without revealing personal information outside.

[0109] According to this invention, a search demand for an electronic medical statement check means to search a predetermined inspection result from the 4th record means is transmitted to inspection result collection / offer means. [an inspection result collection / offer means by which the search demand was received] Since it constituted so that a predetermined inspection result might be transmitted to an electronic medical statement check means after being based on the search demand and searching and extracting a predetermined inspection result from the 4th record means The effect that the inspection result which the medical statement check contractor connected to a communication line needs can be offered easily is done so, without revealing personal information outside.

[0110] Since according to this invention it constituted so that an electronic medical statement might be accumulated and managed by using as a key medical statement identification

information constituted when the 1st record means extracts predetermined information from the personal information included in an electronic medical statement, the effect that an electronic medical statement is easily manageable is done so.

[0111] The medical statement identification information constituted when the 1st personal information secrecy means extracts predetermined information from the personal information included in an electronic medical statement according to this invention is changed for 1 to 1. Since it constituted so that a secrecy electronic medical statement might be outputted by changing for deletion or 1 to 1 the personal information which is not included in medical statement identification information, personal information prevents revealing outside and does so the effect that secrecy and restoration of personal information can be performed easily.

[0112] Since according to this invention it constituted so that the 3rd record means might use as a key medical statement identification information which is contained in a secrecy electronic medical statement and which was kept secret and a secrecy electronic medical statement might be accumulated and managed Management and search of a secrecy electronic medical statement can be made easy, and the effect that the inspection check which specified the individual can be performed easily is done so.

[0113] According to this invention, the 3rd record means and a secrecy electronic medical statement offer means are installed through a communication line. Since it constituted so that the 3rd record means which the 1st personal information secrecy means transmitted the secrecy electronic medical statement to the 3rd record means, and received the secrecy electronic medical statement might accumulate and manage a secrecy electronic medical statement Since accumulation, management, and offer of a secrecy electronic medical statement can be entrusted to a broker, without revealing personal information outside, the effect that the business of an insurer can be reduced is done so.

[0114] Since according to this invention it constituted so that the 4th record means and inspection result collection / offer means might be installed through a communication line and a reexamination bill creation means might receive a predetermined inspection result through a communication line from the 4th record means Since accumulation, management, and offer of an inspection result can be entrusted to a broker, without revealing personal information outside, the effect that the business of an insurer can be reduced is done so.

[0115] A reexamination result electronization means according to this invention to electronize the reexamination result received from examination payment facilities to the reexamination bill, and to output an electronic reexamination result, The 5th record means which accumulates and manages the electronic reexamination result which the reexamination result electronization means outputted, The 2nd personal information secrecy means which keeps secret the personal information included in an electronic reexamination result, and outputs a secrecy electronic reexamination result, Relate a secrecy electronic reexamination result with

the inspection result referred to when making out a reexamination bill, and Accumulation and the 6th record means to manage, Since it constituted so that it might have the secrecy electronic reexamination result offer means which can transmit a secrecy electronic reexamination result to the terminal connected to a communication line Since a secrecy electronic reexamination result and the inspection result related with the secrecy electronic reexamination result concerned can be transmitted through a communication line, without revealing personal information outside, the effect that the environment where a secrecy electronic reexamination result can be checked efficiently can be offered is done so.

[0116] While according to this invention a terminal receives a secrecy electronic reexamination result and displays and outputs the contents of secrecy electronic reexamination from a secrecy electronic reexamination result offer means The search demand for searching the inspection result related with the secrecy electronic reexamination result is transmitted to inspection result collection / offer means. Since it constituted so that it might have an electronic medical statement check means to receive the inspection result applicable to a search demand from inspection result collection / offer means Since check of a secrecy electronic reexamination result can be entrusted to the medical statement check contractor who has a terminal, while being able to reduce the business of an insurer, a medical statement check contractor does so the effect to say that a secrecy electronic reexamination result can be checked efficiently.

[0117] After inspection result collection / offer means searches and extracts the inspection result related with the predetermined secrecy electronic reexamination result from the 6th record means based on the search demand which received from the terminal according to this invention, The effect that the inspection result which the medical statement check contractor connected by a communication line needs can be offered easily is done so, without revealing personal information outside, since it constituted so that a predetermined inspection result might be transmitted to a terminal.

[0118] Since according to this invention it constituted so that an electronic reexamination result might be accumulated and managed by using as a key reexamination result identification information constituted when the 5th record means extracts predetermined information from the personal information included in an electronic reexamination result The effect that an electronic reexamination result is easily manageable is done so.

[0119] The reexamination result identification information constituted when the 2nd personal information secrecy means extracts predetermined information from the personal information included in an electronic reexamination result according to this invention is changed for 1 to 1. Since it constituted so that a secrecy electronic reexamination result might be outputted by changing for deletion or 1 to 1 the personal information which is not included in reexamination result identification information, personal information prevents revealing outside and does so

the effect that secrecy and restoration of personal information can be performed easily.
[0120] [according to this invention / the 2nd personal information secrecy means / the personal information included in an electronic reexamination result] Since it constituted so that a secrecy electronic reexamination result might be outputted by keeping it secret based on the secrecy method used when keeping secret the personal information included in an electronic medical statement Personal information prevents revealing outside and does so the effect that it becomes easy to associate and manage a secrecy electronic medical statement and a secrecy electronic reexamination result.
[0121] Since according to this invention it constituted so that the 6th record means might use as a key reexamination result identification information which is contained in a secrecy electronic reexamination result and which was kept secret and a secrecy electronic reexamination result might be accumulated and managed Management and search of a secrecy electronic reexamination result can be made easy, and the effect that the inspection check which specified the individual can be performed easily is done so.
[0122] According to this invention, the 6th record means and a reexamination result offer means are installed through a communication line. Since it constituted so that the 6th record means which the 2nd personal information secrecy means transmitted the secrecy electronic reexamination result to the 6th record means, and received the secrecy electronic reexamination result might accumulate and manage a secrecy electronic reexamination result Since accumulation, management, and offer of a secrecy electronic reexamination result can be entrusted to a broker, without revealing personal information outside, the effect that the business of an insurer can be reduced is done so.
[0123] Since according to this invention it constituted so that a reexamination result offer means might total the inspection result related with the secrecy electronic reexamination result and the secrecy electronic reexamination result for every terminal and might transmit a totaled result for every terminal Since the inspection result and reexamination result summary value for every medical statement check contractor can be totaled automatically, the effect that the increase in efficiency of a total can be attained is done so.
[0124] The step which outputs an electronic medical statement from the medical statement received from examination payment facilities according to this invention, The step which outputs the secrecy method used when keeping secret the personal information included in an electronic medical statement, while having kept secret the personal information included in an electronic medical statement, and outputting the secrecy electronic medical statement, Since it constituted so that it might have the personal information restored while restoring the personal information which is included as a result of check, and which was kept secret based on the secrecy method, and the step which makes out a reexamination bill based on an inspection result Personal information can prevent revealing outside, can perform secrecy and restoration

of personal information easily, and does so the effect that creation of a reexamination bill can be performed.

[0125] Since according to this invention it constituted so that it might have the step which transmits to the terminal by which a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of a secrecy electronic medical statement from the terminal connected to a communication line The effect that the inspection result of the secrecy electronic medical statement which transmitted through the communication line is receivable through a communication line is done so, without revealing personal information outside.

[0126] Since according to this invention it constituted so that it might have the step which transmits to the broker by whom a secrecy electronic medical statement is connected to a communication line, and the step which receives the inspection result of a broker to the secrecy electronic medical statement connected to a communication line While being able to receive the inspection result of the secrecy electronic medical statement which transmitted through the communication line through a communication line, without revealing personal information outside Since accumulation, management, and offer of a secrecy electronic medical statement can be entrusted to a broker, the effect that the business of an insurer can be reduced is done so.

[0127] The step to which a broker receives a secrecy electronic medical statement according to this invention, The step which transmits a secrecy electronic medical statement to the terminal connected to a communication line, Since it constituted so that it might have the step which receives the inspection result of a secrecy electronic medical statement from the terminal connected to a communication line, and the step which transmits the inspection result of a secrecy electronic medical statement Since accumulation, management, and offer of a secrecy electronic medical statement and an inspection result can be collectively entrusted to a broker, without revealing personal information outside, the effect that the business of an insurer can be reduced further is done so.

[0128] The step to which a terminal receives a secrecy electronic medical statement according to this invention, Since it constituted so that it might have the step which displays and outputs the contents of the secrecy electronic medical statement, and the step which inputs the inspection result of a secrecy electronic medical statement, and transmits the inspection result of a secrecy electronic medical statement Without revealing personal information outside, check of a secrecy electronic medical statement and doubt indication can be entrusted to the medical statement check contractor who has a terminal, and the effect that the business of an insurer can be reduced is done so.

[0129] The step received from the terminal by which the search demand for searching a predetermined secrecy electronic medical statement is connected to a communication line

according to this invention, Since it constituted so that it might have the step which transmits the secrecy electronic medical statement applicable to a search demand to the terminal connected to a communication line The effect that the secrecy electronic medical statement which the medical statement check contractor connected to a communication line needs can be offered easily is done so, without revealing personal information outside.

[0130] Since according to this invention it constituted so that it might have the step which transmits a search demand for a terminal to search a predetermined secrecy electronic medical statement, and the step which receives the secrecy electronic medical statement applicable to a search demand The effect that the secrecy electronic medical statement which the medical statement check contractor connected to a communication line needs is easily acquirable is done so, without revealing personal information outside.

[0131] The step received from the terminal by which the search demand for searching a predetermined inspection result is connected to a communication line according to this invention, The effect that the inspection result which the medical statement check contractor connected to a communication line needs can be offered easily is done so, without revealing personal information outside, since it constituted so that it might have the step which transmits the secrecy inspection result applicable to a search demand to the terminal connected to a communication line.

[0132] Since according to this invention it constituted so that it might have the step which transmits a search demand for a terminal to search a predetermined inspection result, and the step which receives the inspection result applicable to a search demand The effect that the inspection result which the medical statement check contractor connected to a communication line needs is easily acquirable is done so, without revealing personal information outside.

[0133] The medical statement identification information constituted when a secrecy electronic medical statement extracts predetermined information from the personal information included in an electronic medical statement according to this invention is changed for 1 to 1. Since it constituted so that it might output by changing for deletion or 1 to 1 the personal information which is not included in medical statement identification information, personal information prevents revealing outside and does so the effect that secrecy and restoration of personal information can be performed easily.

[0134] The step which according to this invention electronizes the reexamination result received from examination payment facilities to the reexamination bill, and outputs an electronic reexamination result, The effect that the environment where a secrecy electronic reexamination result can be checked can be offered is done so, without revealing personal information outside, since it constituted so that it might have the step which keeps secret the personal information included in an electronic reexamination result, and outputs a secrecy electronic reexamination result.

[0135] The step which transmits a secrecy electronic reexamination result to the terminal connected to a communication line according to this invention, Since it constituted so that it might have the step which receives a search demand of the inspection result related with the secrecy electronic reexamination result from the terminal connected to a communication line, and the step which transmits the inspection result applicable to a search demand to the terminal connected to a communication line Since check of a secrecy electronic reexamination result can be entrusted to the medical statement check contractor who has a terminal, while being able to reduce the business of an insurer, a medical statement check contractor does so the effect that a secrecy electronic reexamination result can be checked efficiently.
[0136] Since according to this invention it constituted so that it might have the step which transmits a secrecy electronic reexamination result to the broker who connects with a communication line Since accumulation, management, and offer of a secrecy electronic reexamination result can be entrusted to a broker, without revealing personal information outside, the effect that the business of an insurer can be reduced further is done so.
[0137] The step to which a broker receives a secrecy electronic reexamination result according to this invention, The step which transmits a secrecy electronic reexamination result to the terminal connected to a communication line, Since it constituted so that it might have the step which receives a search demand of the inspection result related with the secrecy electronic reexamination result from the terminal connected to a communication line, and the step which transmits the inspection result applicable to a search demand to the terminal connected to a communication line Since check of a secrecy electronic reexamination result can be entrusted to the medical statement check contractor who has a terminal, while being able to reduce the business of an insurer, a medical statement check contractor does so the effect that a secrecy electronic reexamination result can be checked efficiently.
[0138] The step to which a terminal receives a secrecy electronic reexamination result according to this invention, The step checked while displaying and outputting the contents of secrecy electronic reexamination, Since it constituted so that it might have the step which transmits the search demand for searching the inspection result related with the secrecy electronic reexamination result, and the step which receives the inspection result applicable to a search demand The medical statement check contractor who has a terminal does so the effect that the business of an insurer can be reduced while being able to check a secrecy electronic reexamination result efficiently.
[0139] The reexamination result identification information constituted when a secrecy electronic reexamination result extracts predetermined information from the personal information included in an electronic reexamination result according to this invention is changed for 1 to 1. Since it constituted so that it might output by changing for deletion or 1 to 1 the personal information which is not included in reexamination result identification information,

personal information prevents revealing outside and does so the effect that secrecy and restoration of personal information can be performed easily.
[0140] Since according to this invention the secrecy electronic reexamination result was constituted so that it might output by keeping it secret based on the secrecy method used when keeping secret the personal information included in an electronic medical statement in the personal information included in an electronic reexamination result Personal information prevents revealing outside and does so the effect that secrecy and restoration of personal information can be performed still more easily.

[Brief Description of the Drawings]
[Drawing 1] It is the block block diagram showing the medical statement inspection system by the form 1 of implementation of this invention.
[Drawing 2] It is the flow chart which shows accumulation and the management method of the medical statement by the form 1 of implementation of this invention.
[Drawing 3] It is the flow chart which shows the check method of the medical statement by the form 1 of implementation of this invention.
[Drawing 4] It is the flow chart which shows the reexamination claim method of the medical statement by the form 1 of implementation of this invention.
[Drawing 5] It is the block block diagram showing the medical statement inspection system by the form 2 of implementation of this invention.
[Drawing 6] It is the flow chart which shows accumulation and the management method of the reexamination result by the form 2 of implementation of this invention.
[Drawing 7] It is the flow chart which shows the check method of the medical statement by the form 2 of implementation of this invention, and a reexamination result.
[Drawing 8] It is the flow chart which shows the total method of the reexamination result by the form 2 of implementation of this invention.
[Drawing 9] It is the block block diagram showing the medical statement inspection system by the form 3 of implementation of this invention.
[Drawing 10] It is the flow chart which shows accumulation and the management method of the medical statement by the form 3 of implementation of this invention.
[Drawing 11] It is the flow chart which shows the reexamination claim method by the form 3 of implementation of this invention.
[Drawing 12] It is the flow chart which shows accumulation and the management method of the reexamination result by the form 3 of implementation of this invention.
[Drawing 13] It is the block diagram showing the conventional medical statement inspection

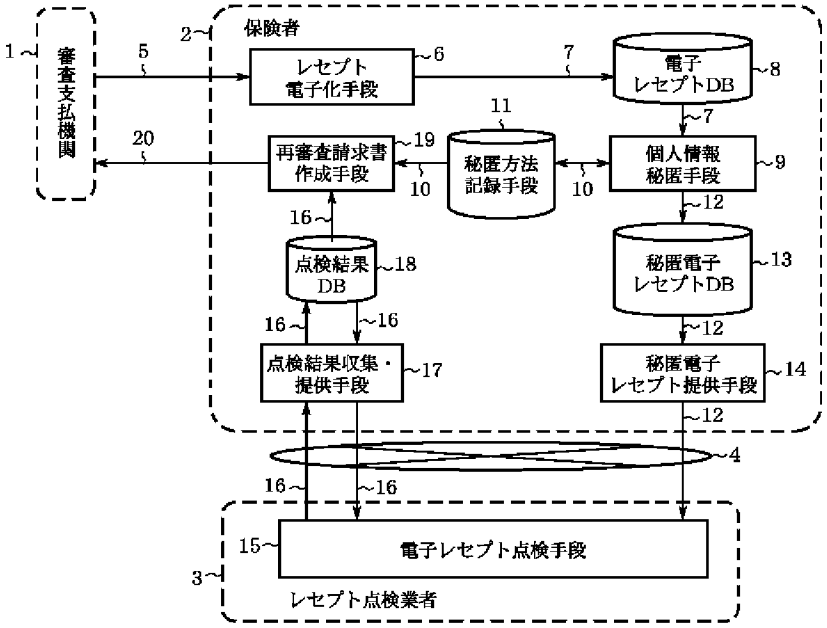
system.

[Drawing 14] It is the block diagram showing an example of the conventional medical statement inspection system.

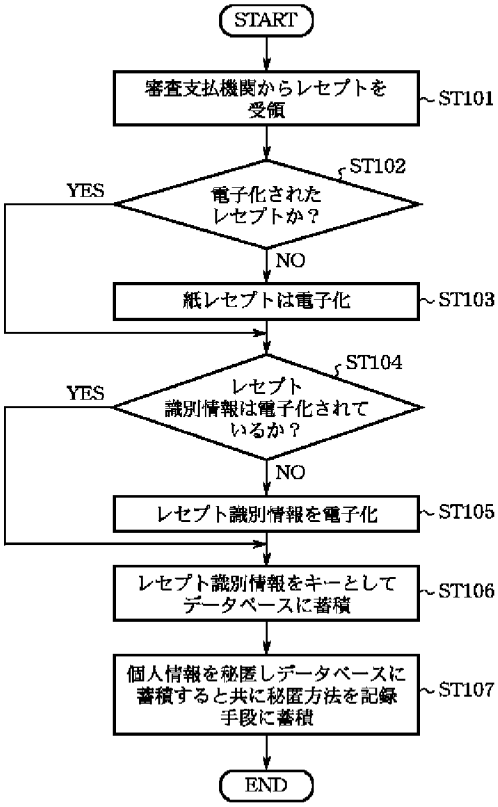
[Explanations of letters or numerals]

1 Examination Payment Facilities, 2 Insurer, 3 Medical Statement Check Contractor (Terminal), 4 Network (Communication Line), 5 Medical Statement, 6 Medical Statement Electronization Means, 7 Electronic Medical Statement, 8 Electronic Medical Statement DB (1st Record Means), 9 Personal Information Secrecy Means (1st Personal Information Secrecy Means), 10 The Secrecy Method, 11 The Secrecy Method Record Means (2nd Record Means), 12 Secrecy Electronic Medical Statement, 13 Secrecy Electronic Medical Statement DB (3rd Record Means), 14 Secrecy Electronic Medical Statement Offer Means, 15 Electronic Medical Statement Check Means, 16 Inspection Result, 17 Inspection Result Collection / Offer Means, 18 Inspection Result DB (4th Record Means, 6th Record Means), 19 Reexamination Bill Creation Means, 20 Reexamination Bill, 31 Reexamination Result, 32 Reexamination Result Electronization Means, 33 Electronic Reexamination Result, 34 Electronic Reexamination Result DB (5th Record Means), 35 Personal Information Secrecy Means (2nd Personal Information Secrecy Means), 36 Secrecy Electronic Reexamination Result, 37 Reexamination Result Total Means (Reexamination Result Offer Means), 38 Totaled Result, 51 Medical Statement Data Center (Broker), 52 Personal Information Secrecy Means with Network Function (1st Personal Information Secrecy Means), A reexamination bill creation means with 53 network functions (reexamination bill creation means), a personal information secrecy means with 54 network functions (2nd personal information secrecy means).

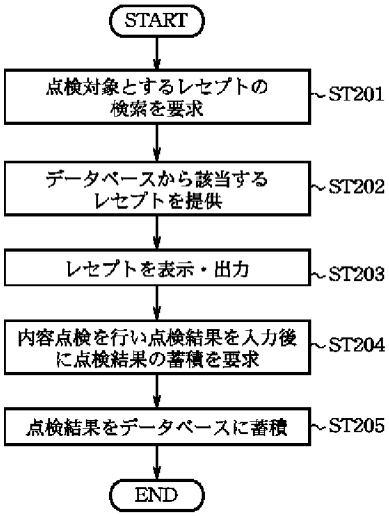
[Drawing 1]



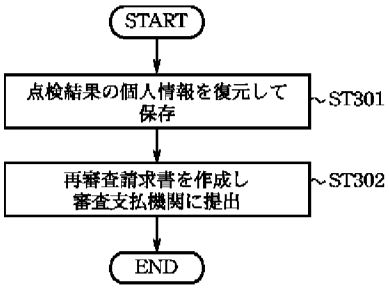
[Drawing 2]



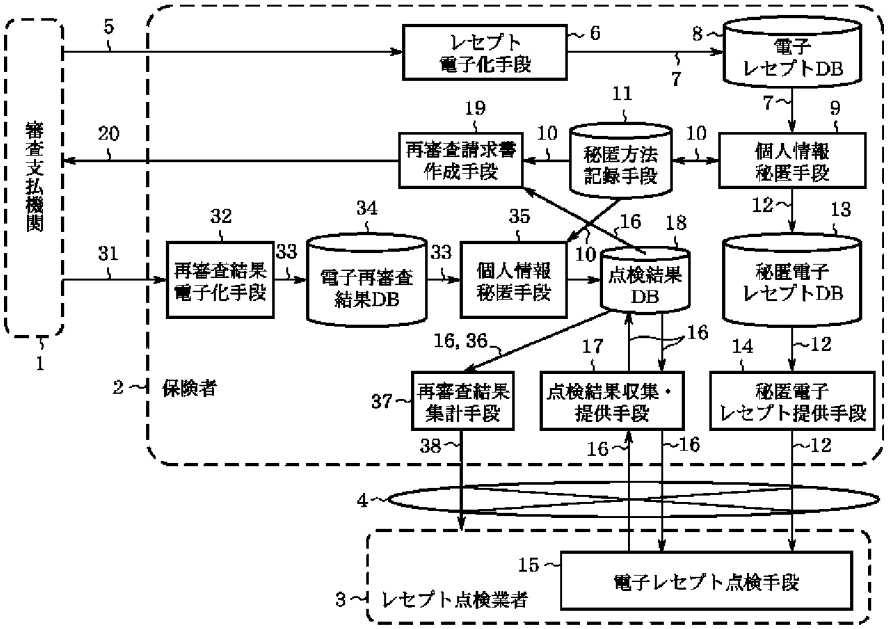
[Drawing 3]



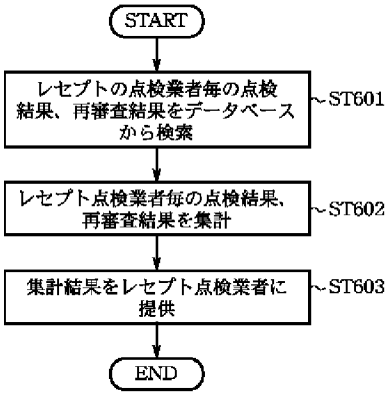
[Drawing 4]



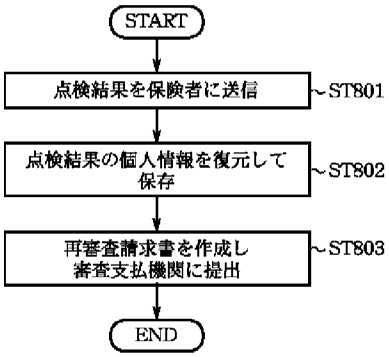
[Drawing 5]



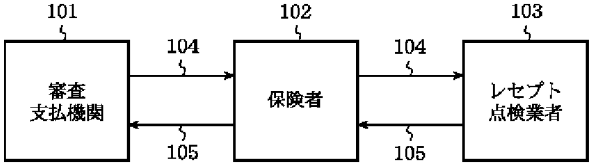
[Drawing 8]



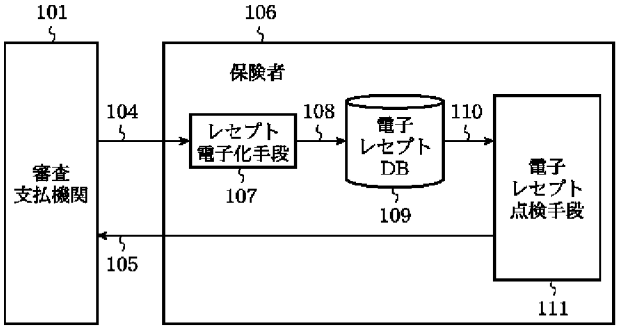
[Drawing 11]



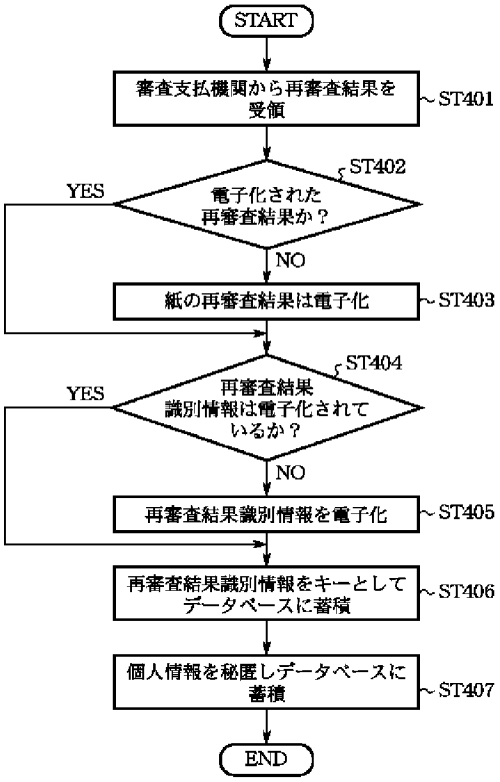
[Drawing 13]



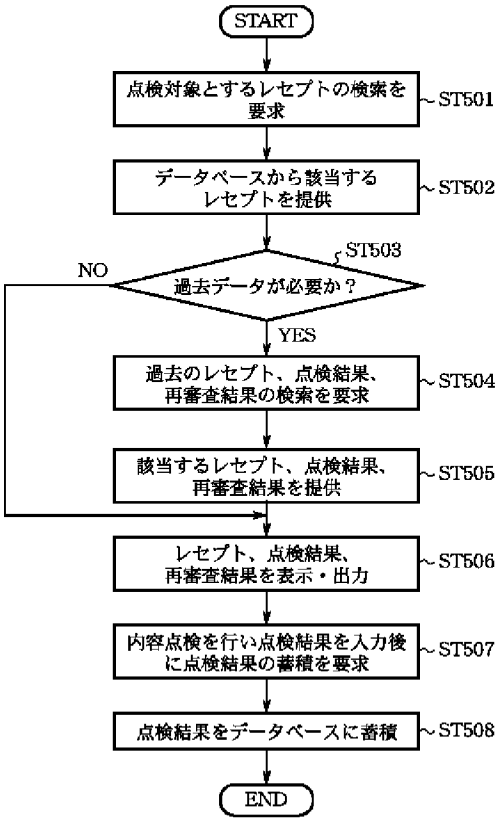
[Drawing 14]



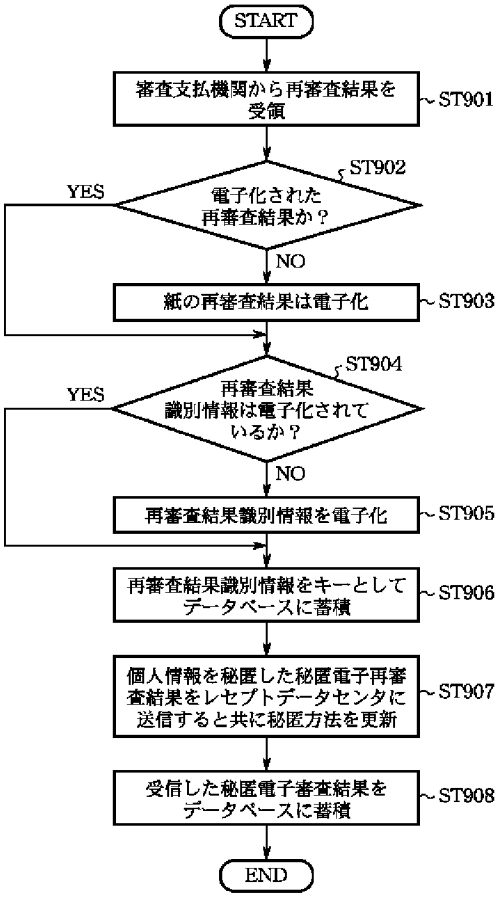
[Drawing 6]



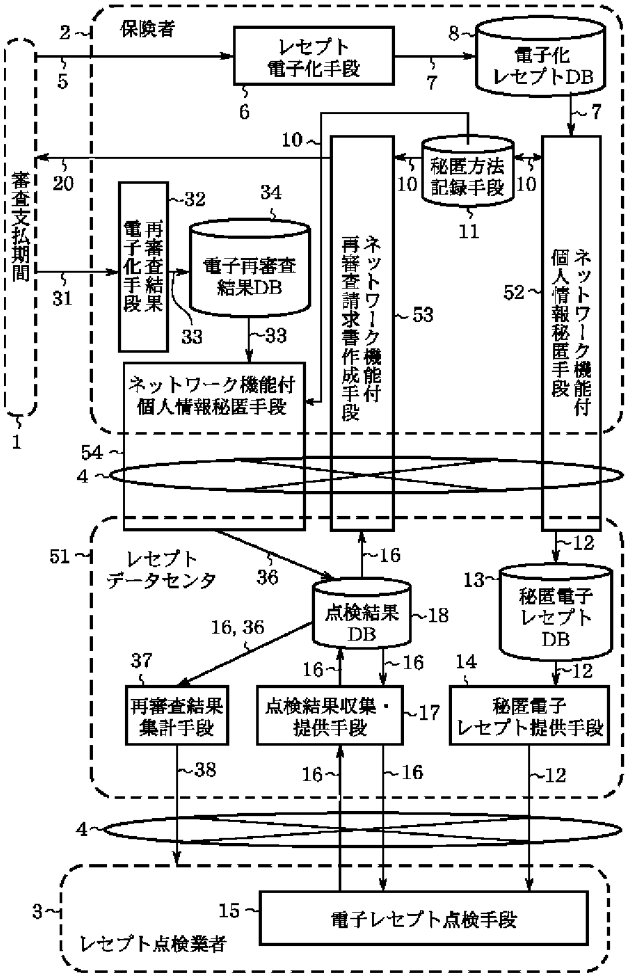
[Drawing 7]



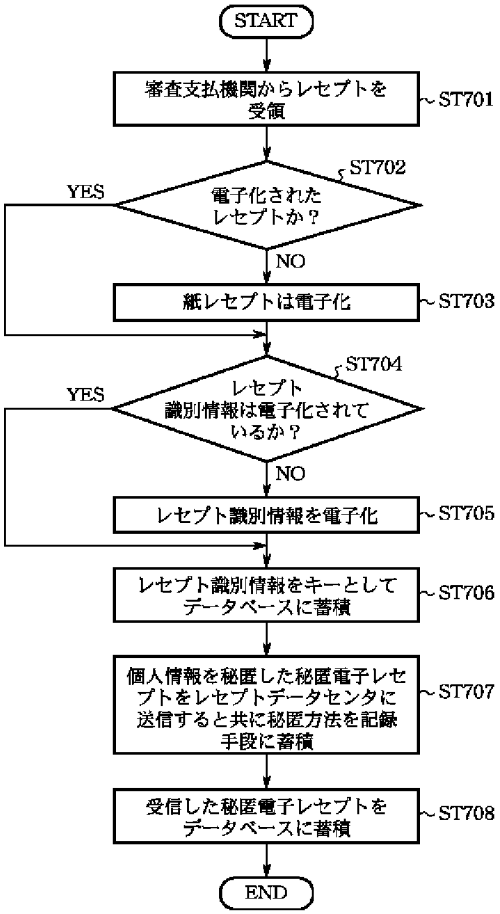
[Drawing 12]


START
審査支払機関から再審査結果を受領
ST901
電子化された再審査結果か？
ST902
YES
NO
紙の再審査結果は電子化
ST903
再審査結果識別情報は電子化されているか？
ST904
YES
NO
再審査結果識別情報を電子化
ST905
再審査結果識別情報をキーとしてデータベースに蓄積
ST906
個人情報を秘匿した秘匿電子再審査結果をレセプトデータセンタに送信すると共に秘匿方法を更新
ST907
受信した秘匿電子審査結果をデータベースに蓄積
ST908
END

[Drawing 9]


保険者
レセプト電子化手段
電子化レセプトDB
秘匿方法記録手段
審査支払期間
電子化手段
再審査結果
電子再審査結果DB
ネットワーク機能付再審査請求書作成手段
ネットワーク機能付個人情報秘匿手段
ネットワーク機能付個人情報秘匿手段
レセプトデータセンタ
点検結果DB
秘匿電子レセプトDB
再審査結果集計手段
点検結果収集・提供手段
秘匿電子レセプト提供手段
電子レセプト点検手段
レセプト点検業者

[Drawing 10]



[Translation done.]